

Listing of Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) An affinity-chromatography assay system comprising ~~with~~ an immobilised component containing a first bio-reagent and a flowable component containing a second complimentary bio-reagent which is complementary to the first bio-reagent, ~~characterised in that~~ the immobilised component is being supported on a ~~dip-strip~~ or planar surface, wherein the system is stood in a buffer solution during use and wherein and the flowable component is ~~adapted to~~ denser than the buffer solution and which slowly rolls over ~~flow down the dip-strip of high density planar surface during use.~~
2. (Cancelled).
3. (Currently amended) An affinity-chromatography assay system according to claim 1, ~~characterised in that~~ wherein the immunoreagent first bio-reagent is an antigen or an antibody.
4. (Currently amended) An affinity-chromatography assay system according to claim 1, ~~characterised in that~~ wherein the flowable component is retained in a discrete volume as it rolls over the planar surface such that it passes over the planar surface and does not diffuse into the buffer solution.
5. (Currently amended) An affinity-chromatography assay system according to claim 1, ~~characterised in that~~ wherein the constituents of the flowable phase component comprises ~~include~~ a bio-polymer, a detergent and a buffer of optimal pH.

6. (Currently amended) An affinity-chromatography assay system according to claim 1,
~~characterised in that~~ wherein the immobilised component possesses properties that result
in attraction of the flowable component.
7. (Cancelled).
8. (Cancelled).
9. (Currently amended) An affinity-chromatography assay system according to claim 1,
~~characterised in that~~ wherein the assay system is either a competitive or non-competitive
immunoassay, ~~and wherein the using appropriate combinations of~~ first bio-reagent
comprises a labelled antigen and the second complimentary bio-reagent comprises or
~~labelled antibody with their complementary~~ an unlabelled counterparts antibody.
10. (Currently amended) An affinity-chromatography assay system according to claim 9,
~~characterised in that~~ wherein the label labeled antigen comprises ~~is~~ a fluorescent or
~~coloured~~ colored label.

Claims 11 – 18 (Withdrawn).

19. (Cancelled).
20. (New) An affinity-chromatography assay system according to claim 1, wherein the planar
surface is in the form of a dip strip.
21. (New) An affinity-chromatography assay system according to claim 1, wherein the planar
surface comprises a membrane attached to the planar surface.

22. (New) An affinity-chromatography assay system according to claim 21, wherein the membrane is hydrophobic and wettable.
23. (New) An affinity-chromatography assay system according to claim 1, wherein the second complimentary bio-reagent is an antigen or an antibody.
24. (New) An affinity-chromatography assay system according to claim 1, wherein the assay system is either a competitive or non-competitive immunoassay, and wherein the first bio-reagent comprises a labelled antibody and the second complimentary bio-reagent comprises an unlabelled antigen.
25. (New) An affinity-chromatography assay system according to claim 24, wherein the labeled antibody comprises a fluorescent or colored label.